

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

July

2008

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

August 22, 2008

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Dry and hot summer conditions dominated much to the San Angelo HSA during July. Early in the month, scattered showers across the southern half of the region were encouraging, but a high pressure system aloft expanded across the area that eventually limited moisture. With the high pressure system in place, few scattered showers occurred and temperatures increased. By the end of the month, temperatures were reaching 100 degrees and higher across most of the region. During July, the U.S. Drought Monitor tracked the deteriorating conditions mounting across the area. By the end of the month, severe drought conditions were depicted across the Concho Valley, southern Heartland, Northwest Hill Country and Northern Edwards Plateau.

The average precipitation reported from coop observers in July was 0.80 of an inch. The highest monthly precipitation total of 2.88 inches was reported in southern Coke County. Coop observers in Brown, Coke, Mason, Menard and San Saba Counties received over 2.00 inches of rain in July.

The San Angelo Regional Airport received 0.19 of an inch of precipitation during July, which was 0.91 of an inch below normal for the month. The monthly normal rainfall for San Angelo in July is 1.10 inches.

The Abilene Regional Airport received 0.01 of an inch of precipitation during July, which was 1.69 inches below normal for the month. The monthly normal rainfall for Abilene in July is 1.70 inches. The monthly total amount of 0.01 of an inch tied for the third driest July on record at Abilene.

Junction received 0.69 of an inch of rain during July. The estimated average monthly rainfall in July is about 2.25 inches.

Coop Observer Rainfall Totals for July, 2008:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	0.30		Merkel 12SW	0.80
Acton Ranch	0.88		Mertzon 12NNW	0.23
Albany	0.45		Ozona	0.28
Anson	0.10		Ozona 2	0.20
Ballinger 2NW	0.48		Ozona 22SE	0.22
Blackwell 6NE	0.60		Paint Rock	1.26
Brady	0.18		Putnam	0.14
Brownwood	2.02		Red Bluff Crossing	0.94
Burkett	0.25		Robert Lee	0.35
Coleman	1.36		Roscoe	0.00
Concho Park	0.75		Rotan	1.36
Eden	0.26		San Angelo WFO	0.22
Eldorado	0.43		San Saba 7NW	1.04
Eldorado 10W	0.72		Silver Valley	2.78
Fort Griffin	0.08		Sonora	0.21
Fort McKavett	1.16		Stamford	0.77
Glen Cove 2NE	0.78		Sterling City	0.12
Hamlin	0.72		Taylor Ranch	0.74
Haskell	1.00		Telegraph	0.48
Hords Creek	0.86		Throckmorton 7NE	0.21
Humble Pump	0.31		Water Valley	1.61
Junction 4SSW	1.88		Water Valley 11NE	2.88
Lawn	1.12		Winters	0.20
London 3N	2.03		Woodson	0.72
Mason	2.34		(M) <i>Missing data</i>	
Menard	1.03		(T) <i>Trace</i>	

Reservoir Conditions (end of July, 2008)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	62,510	89
Lake Stamford	52,700	40,090	78
Hubbard Creek Lake	317,800	296,380	93
Hords Creek Lake	8,800	6,120	75
Lake Brownwood	131,428	106,350	81
E.V. Spence	488,760	63,520	12
O.C. Fisher	119,200	7,440	6
O.H. Ivie	554,340	341,900	62
Twin Buttes	177,800	67,970	38

Hydro Products Issued

FLS = 2 (Urban/Small Stream Advisory)

DGT = 1 (Drought Information Statement)